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COE Implementation Defined

Key Elements

- ❖ Systems & Equipment
- ❖ ROE / RID
- ❖ Rotational Training Objectives
- ❖ Scenario Design
- ❖ TRADOC DCSINT validation

11th ACR CoC & OPFOR Changeover Ceremony

21 JUN 02

6 MAY 02

ROT 02-08 (2/4 ID)

30 APR 02

COE OPD to all Officers

15 APR 02

Doctrinal Material Complete

11 FEB 02

ROT 02-05 (1/4 ID) (TTP Scrub)

BEGIN TRANSITION

OTHER KEY MILESTONES

- ❖ DCSINT COE MTT (NOV 01)
- ❖ COE LTP Completed (JAN 02)
- ❖ Initial COE TTP Development (JAN 02)
- ❖ Uniform Development (FEB 02)
- ❖ TTP Revision (MAR 02)



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Training Required Prior to Implementation

- **Players**
 - **11th ACR (MTT, PATs, OPDs, OPFOR Academy, Rotations)**
 - **Operations Group**
 - **Rotational Units (LTP, Home Station, Institutional)**
 - **Senior Trainers / Leaders**



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Environmental Variables

- **Physical Environment**
 - **Complex Terrain**
 - **Urban Centers (Live, Force on Force)**
- **Nature/stability of the state**
 - **Operations Group (Country Study, Road to War, Scenario Design)**
- **Sociological Demographics**
 - **Operations Group (COBs, NGOs, Media, Political, ROE)**



Environmental Variables (cont.)

- **Regional/global relationships**
 - N / A
- **Military capabilities**
 - Order of Battle
 - Zero Sum Gain, Near Term
 - POM
- **Information**
 - Limited, with potential for growth (Computer Attack, Propaganda, PSYOPS)
 - Operations Group (INN, Radio Interviews)



Environmental Variables (cont.)

- **Technology**
 - Asymmetric, based on availability, authorization and funding
 - Counter Counter-Measures to establish parity
 - Spectrum limitations at NTC
- **Supra-national organizations**
 - N / A
- **National Will**
 - N / A



Environmental Variables (cont.)

- **Time**
 - **Rotational Design**
 - **Continuous Operations (Battle Periods vs. Vignettes)**
- **Economics**
 - **State resources dedicated to military capability**



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HICON Transition Requirements

- **SIM / STEM Wrap Around (Flank Unit Control)**
- **IFC (BH 27)**
- **Paramilitary TACON to BTG**
- **SPF / UAV DTG Control**
- **DTG Control of Mission Sets to Achieve Training Objectives**
- **Increased Requirement for OPFOR O / Cs....internal**
- **TDA increase for Operations Group**
- **New Star Wars Building**
- **Instrumentation Upgrade**



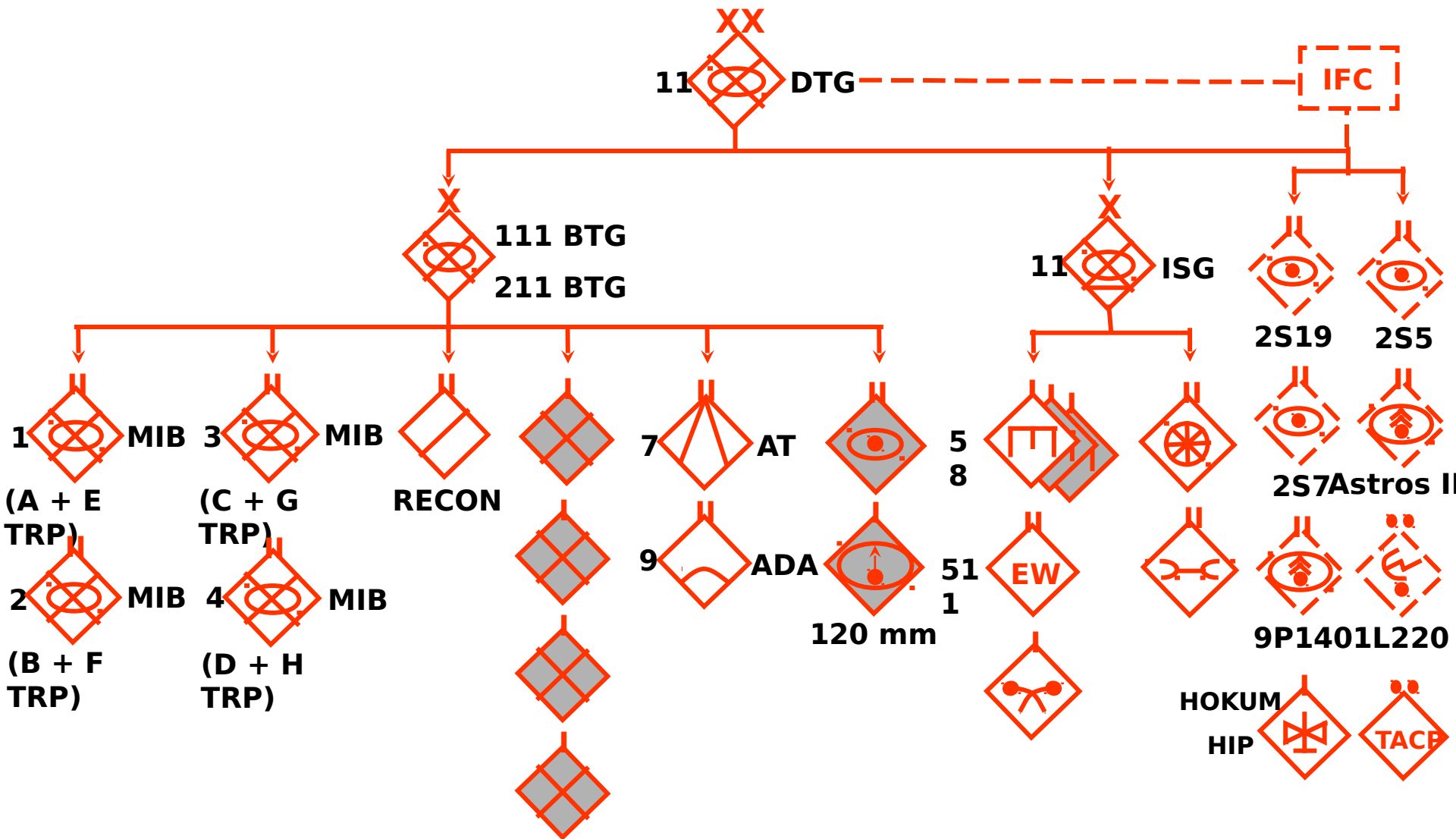
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FM 7-100 Series Implementation

- **7-100.1 & .2 integrated into scenario design and operations**
- **TTP development in conjunction with .4 / .5**
- **7-100 series will evolve with implementation**



11th Division Tactical Group



COE Changes to Force

SYSTEM	PROGRAM REPORT COE			11th ACR	
	TOTALS	DESIGN	DELTA	INTERIM	DELTA
T-80/OSTV-T	51 (63)	41 (50)	- 13	42 (50)	- 13
OSV	128 (160)	104 (128)	- 32	114 (137)	- 23
OSWV APC	0	64 (78)	+ 78	0	0
AT (Wheel)	12	44 (53)	+ 41	24	+ 12
AT (Towed)	6	12 (17)	+ 11	8	+ 2
AT (NLOS)	0	12 (17)	+ 17	0	0
Recon (Wheel)	8 (10)	20 (25)	+ 25	20 *	0 *
Recon (Tracked)	8	10 (13)	+ 5	10 (12)*	0 *
ADA (2S6 SP)	6	6	0	6	0
ADA (Towed)	0	6	+ 6	0	0
MANPADs	28	84	+ 56	44	+ 12
Engineer Co	2	3	+ 1 Co	3	+ 1 Co
INFANTRY					
Soldiers	300	400	+ 100	400	+ 100
AT-5	6	27	+ 21	12	+ 6
RPG/AT-7/13	140	243	+ 103	243	+ 103
Flame (RPO-A)	0	117	+ 117	117	+ 117
AGL	0	18	+ 18	0	0
Sniper Rifles	0	0		46	+ 46

ce: Total number including floats in parentheses



COE CAPABILITY ~~COMPARISON~~



CAPABILITY	COE REPLICATION	CURRENT REPLICATION	CAN REPLICATE WITH NO ADDITIONAL RESOURCES
MANUEVER	Light/AT Heavy Armor/Mech Support	Armor/Mech Heavy Light Inf/AT Support	NO Need additional INF/AT
PRECISION MUNITIONS	Ballistic Missile Laser Guided	KRASNOPOL	YES
TARGET AQUISITION	IL-220U with sound ranging	ARK-1 (Poor Replication)	YES
ANTI-TANK	Direct and Non-Line of Sight Mounted / Dismounted Systems	AT-5 (Mounted/Dismounted) 2A45M (Towed) RPG-16 (Dragon) RPG-18 (Viper)	YES* Need #s & Personnel
UAV	3 Systems	Simulation Only	YES
NBC	Indirect, Aerial and SPF Delivered CHEM/BIO	PCHEM/NPCHEM delivered by artillery only	YES
EW	Intercept/DF HF/VHF VHF/HF J ammers GPS J ammer	TLQ (80 Mhz) TRQ-32 (520 Mhz) HEXJ AM	NO Need Systems
DECEPTION	Full Size	Deception OSV / T-80 Turrets	YES* If Funded
SURVEILLANCE	LRF Bino Handheld Thermal LRF/LTD	Thermal in OSV Limited Handheld Thermal LTD simulated by MELIOS	YES*
SPECIAL OPERATIONS	SPF Company	None	NO Need Authorization & Troops
TERRORIST/INSURGENT	High Priority	PPG Low Priority (Ops Grp Control)	YES* Will be 11 ACR Control
COMPLEX TERRAIN	Heavy MOUT, Mountain, Forest, Swamp	Mountain Very limited MOUT	YES* Need substantial MOUT Tng



COE CAPABILITY ~~COMPARISON~~ CONT.



CAPABILITY	COE REPLICATION	CURRENT REPLICATION	CAN REPLICATE WITH NO ADDITIONAL RESOURCES
AIR DEFENSE	Primarily shoulder Fired, decentralized, ambushes	SA 8, 9, 18, 2S6 ASET IV Centralized C2	YES Need more personnel for SA18 teams
MRL	TYPHOON, ASTROS II Longer range, fewer systems	BM21	YES Via SAWE/Notional units
AP/AT MINES	Many systems, non metallic, widely used	TM 89, MOD, UMZ	NO Need AP mine
SNIPER	SVD, Barret and other long range systems	M16, rarely replicated	YES* Need longer range system to better replicate
ROTARY AIR	Gazelle, J et Ranger, HIND HIP	KA-50 HOKUM (Huey) MI-8 HIP (Blackhawk)	YES* Huey fleet aging and incapable of portraying a modern attack helo
C2	Decentralized, secure coms, cell phones, small signature, redundant	MRR J TOC, TOC Cell phones, single channel secure FM	YES



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Changes to ROE

- **In draft for JUNE 02 implementation**
- **COE RID less restrictive**
- **Battle Plans (CBI) tailors the BTG**



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Comments

- Training Objectives (Concur)
- Exercise Design (Concur) - Need to enforce 350-50-1
- OPFOR constrained by ROE / RID (Unknown) - Currently rewriting, Battle Plans (CBI) establishes OPFOR capabilities
- CSA Guidance “equal chance to win”, training objectives vs. training outcome (Concur) - Tailor the force to meet training objectives - rheostat
- Air to Ground Integration
 - CAS, Blue - High War, Multiple sorties, Dominant shaper
 - CAS, Red - Low War, Limited sorties and BDA, Does not facilitate SHORAD training
 - Rotary Wing, Blue - Needs TES solution (AGES II)
 - Rotary Wing, Red - Need upgrade to engagement system
- Ground to Air Integration
 - Blue, Training opportunities limited to rotary wing
 - Red, Training opportunities limited to rotary wing